

From: "[Congdon, Julie](#)"
To:
Date: 6/18/2020 4:49:25 PM
Subject: Updates on the Lower Duwamish Waterway Superfund Site



Duwamish - South Ellice



Hello, everyone –

This message provides you with updates regarding the Lower Duwamish Waterway Superfund site, shared at the Duwamish Stakeholders bi-annual meeting last Wednesday:

SEDIMENT CLEANUP

Upper reach pre-design sampling: On June 1, field crews began Phase I sediment sampling to support the design of the cleanup in the upper reach. The workers are following a Health & Safety Plan that includes consideration of Covid-19 hazards. Sampling is expected to take up to seven weeks, as samples will be collected from 266 locations, generally for two or more sample depths. After laboratory analysis of samples from 142 of the locations, the results will be reviewed to select some or all of the remaining samples for analysis. Phase I data will be used to delineate areas where dredging, capping, or other remediation is likely. Phase 2 data collection may include sediment sampling for toxicity testing and further refinement of cleanup areas and depths but will focus mostly on data to support engineering analyses. Phase 2 sample locations will be identified in an addendum to the [Quality Assurance Project Plan](#) in the spring of 2021. For more information, please contact Elly Hale at (206) 553-1215.

Carbon Amendment Pilot Study: Year 3 monitoring of the paired plots in three pilot study areas will start in July. Adjustments have been made to the monitoring plan to address issues with the passive samplers, particularly for the 'scour' plot. This year will include lab studies of whether activated carbon reduces the amount of PCBs that clams and worms take up from the sediment. Based on three years of monitoring, carbon may be included for areas that require cleanup using Enhanced Natural Recovery. For more information, please contact Elly Hale at (206) 553-1215.

Boeing Plant 2 Uplands site: EPA is developing its response to comments from the Statement of Basis released in June 2019, as well as its final corrective action decision for the cleanup of this site. For more information, please contact Dave Bartus at (206) 553-2804.

Early Action Areas: EPA has received data from the recent monitoring work of the Early Action Areas (EAAs) listed below. Six EAAs warranted soil and sediment cleanup while the comprehensive site study (the Remedial Investigation and Feasibility Study) and cleanup decision were in progress. By 2015, most of the EAAs had been completed and ten years of monitoring had been completed at the first two EAAs.

- **Boeing Plant 2 EAA:** EPA has received a data report summarizing additional sampling conducted by Boeing to provide a better understanding of the deposition of fine-grained material on the surface of the Duwamish Sediments Other Area (DSOA). This additional work has been conducted periodically since 2015. Boeing will schedule the required Year 5 sediment sampling round later this year.
- **Slip 4 EAA:** The monitoring report for the seventh year since the cleanup was completed in 2012 is final and [available online](#).
- **T-117 EAA:** The Year 4 monitoring report will be finalized shortly. The report includes results from the first sediment monitoring since construction of the cleanup was completed in 2015.
- **Earle M. Jorgensen EAA:** The revised Draft Data Gaps Report currently under final review. Because PCB contamination is still present at this EAA site, additional work may be needed to complete this cleanup. Different cleanup alternatives are under consideration, and will be detailed in an Engineering Evaluation/Cost Analysis document, which the public may comment on when it is released later in 2020. For more information, please contact Brad Martin at 206.553.4029

EPA UPLAND SITES

Terminal 108: On May 26, 2020, three Potentially Responsible Parties (Port of Seattle, City of Seattle, and King County) and EPA signed an Administrative Agreement and Order on Consent for Terminal 108. The ASAO requires the PRPs to conduct an Engineering Evaluation/Cost Analysis for the cleanup of T-108, an upland site on the Lower Duwamish Waterway.

For more information, please contact Anne Christopher at (503) 356-6554.

Rhone-Poulenc: EPA is currently reviewing the final report from the pilot study of injecting carbon dioxide into the groundwater to lower pH. The onsite study was successful, and this report is a compilation of the data and results from the study which will be used in the upcoming corrective measures study. EPA is also finishing up an update to the preliminary cleanup levels. A Corrective Measures Study will be conducted in the future.

For more information on this site, please contact Janette Knittel at (206) 553-0483.

Boeing Plant 2: EPA is developing its response to comments from the Statement of Basis released in June 2019, as well as its final corrective action decision for the cleanup of this site.

For more information, please contact Dave Bartus at (206) 553-2804.

Boeing Electronics Manufacturing Facility: The Boeing EMF source area monitoring and injection/treatment wells for enhanced reductive dechlorination (ERD) were abandoned (closed) in January 2020 in anticipation of the United Parcel Service and King County International Airport redevelopment activities. Prior to the COVID-19 pandemic, source area redevelopment construction activities were anticipated to be completed at the end of 2021. If the work remains on schedule, installation of wells to replace those abandoned in the source area would start in early 2022.

For more information, please contact Laura Castrilli at (206) 553-4323.

And we want to remind you about this grant opportunity that your entity might be interested in – we encourage you to apply!

***Apply by 6/30/2020* EPA Provides Grant Funding to Support Environmental Justice Communities**

Impacted by COVID-19: The U.S. Environmental Protection Agency (EPA) is working to improve the environment and public health conditions of low-income and minority communities through our daily efforts to ensure all Americans have clean air, safe water, and access to information to make decisions to protect personal and public health. In response to the COVID-19 public health emergency, EPA is making \$1 million in grant funding available to states to help local environmental justice communities address COVID-19 concerns faced by low-income and minority communities.

- To learn more and apply for funding (**by June 30, 2020 at 11:59 PM Eastern**), please visit <https://www.epa.gov/environmentaljustice/state-environmental-justice-cooperative-agreement-program#tab-2>.

If you have any questions, suggestions, or concerns about the Site, please contact Julie Congdon, Community Involvement Coordinator for the Duwamish cleanup, at congdon.julie@epa.gov; (206) 553-2752

Thank you!

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For more information about EPA's cleanup of the Lower Duwamish Waterway Site, please visit [our Duwamish webpage](#).

For other announcements and updates, please visit **EPA's Duwamish Facebook** page at <https://www.facebook.com/epaduamish/>.

For information about **safe fish consumption** from the Lower Duwamish Waterway, please visit the ["Fun to Fish / Toxic to Eat" Website](#).

For information on **Washington Department of Ecology's cleanup work** in the Lower Duwamish Waterway, please visit <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-sites/Toxic-cleanup-sites/Lower-Duwamish-Waterway>.

You can also subscribe to its email listserv for periodic updates on their source control and cleanup work in the Duwamish: <http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?A0=DUWAMISH-RIVER-UPDATES>